

Date : 06.09.2018  
CLASS -VII

DELHI PUBLIC SCHOOL, BHILAI  
FIRST TERM EXAMINATION 2018  
SUBJECT : INFORMATION AND  
COMMUNICATION TECHNOLOGY (ICT)

Time : 1½ Hours  
Max. Marks : 30

Q.1: Fill in the blanks

(1\*3=03)

- (a) A \_\_\_\_\_ is a graphical representation of data
- (b) A \_\_\_\_\_ in Calc starts with the = sign.
- (c) \_\_\_\_\_ is an unsolicited, unwanted email.

Q.2: Answer the following

(2\*3=06)

- (a) What is a computer virus? How is it different from a worm?
- (b) Give any two common formula errors with their description?
- (c) How is a pie chart different from a donut chart?

Q.3: Answer the following

(3\*3=09)

- (a) Describe any three types of charts available in calc.
- (b) What are the three types of cell referencing?
- (c) Name any three types of computer viruses.

Q.4 : Answer the following

(4\*3=12)

- (a) Give the precedence of mathematical operators in Cals.
- (b) What is spam? How will you avoid it?
- (c) What are the different components of a chart?





DELHI PUBLIC SCHOOL, BHILAI  
FIRST TERM EXAMINATION 2018

Date : 19.09.2018  
CLASS -VII

SUBJECT : SCIENCE

Time : 3 Hrs.  
Max. Marks : 80

- Q.1 Name the acid present in spinach and curd. 1
- Q.2 Stainless steel pans are usually provided with copper bottom, give reason. 1
- Q.3 Name the instrument used to measure rainfall. 1
- Q.4 Name any two regions which have extreme climatic conditions. 1
- Q.5 What is the full form of ORS. 1
- Q.6 Red litmus paper is dipped in a solution, it remains red. What is the nature of the solution? 1
- Q.7 Classify the following changes as physical or chemical – (i) digestion of food (ii) burning of coal (iii) rusting of iron (iv) dissolving of sugar in water 2
- Q.8 What is symbiotic relationship? Explain with the help of an example. 2
- Q.9 State any two points of difference between acids and bases. 2
- Q.10 Which part of the alimentary canal is involved in- 2
- (i) Chewing of food
  - (ii) Killing of bacteria
  - (iii) Formation of faeces
  - (iv) Absorption of food
- Q.11 What is stainless steel made up of? Why is it desirable to use stainless steel in place of iron? 2
- Q.12 What do you mean by weather of a place? 2
- Q.13 Name a few silk yarns available in India. What is the reason of their variety? 2
- Q.14 What is Sorters' disease? 2
- Q.15 Name the following – 2
- (i) Parasitic plant with yellow, slender and tubular stem.
  - (ii) A plant that has both autotrophic and heterotrophic mode of nutrition.
- Q.16 State the similarities and differences between laboratory and clinical thermometer. (2 points each) 3
- Q.17 (a) What is assimilation? 3
- (b) Give one function of each of the following-
- (i) bile juice
  - (ii) Large intestine
- Q.18 How are nutrients replenished in the soil? 3
- Q.19 (a) Explain Saprotrophic mode of nutrition. Give an example also. 3
- (b) 'All living organisms are made up of cells', name any two parts of a cell.
- Q.20 Categories each of the substances as acidic, basic or neutral- 3
- (i) milk of magnesia (ii) sugar solution (iii) Vinegar
  - (iv) lime water (v) soap solution (vi) distilled water
- Q.21 Explain the stage 'Cocoon' in the life history of a silk moth. Draw the diagram of a cocoon with a developing moth. 3
- Q.22 What is acid rain? Write a detailed account. 3

- Q.23 Write a stepwise note on the processing of fibres into wool. 3
- Q.24 (i) What is neutralization? 3  
(ii) How does neutralization help in soil treatment?
- Q.25 What is photo synthesis? Explain with the help of an equation. 3
- Q.26 List the adaptation of animals living in tropical rainforest. (any six) 3
- Q.27 What is rusting? Explain with the help of a reaction. Name any two methods used to prevent rusting. 3
- Q.28 Describe a clinical thermometer and state its functions. Draw a neat and labelled diagram of a clinical thermometer. 5

OR

What is convection? Write an activity to show convection in liquids. Draw a labelled diagram also.

- Q.29 Compare the climate of polar region with that of tropical rainforest. 5

OR

Write in detail about the adaptations found in Polar bear.

- Q.30 (a) Name the different types of teeth found in human body. 5  
(b) Write the structure and function of each of the following-  
(i) Stomach (ii) Small intestine

OR

(a) Name the end products of digestion of carbohydrates, proteins and fats.

(b) Write a detailed note on digestion in ruminants (diagram not required).

- Q.31 What happens when a magnesium ribbon is burnt in air? Explain what happens when the ash is dissolved in water. Write in activity form, give reactions also. 5

OR

Explain the chemical change when baking soda is mixed with vinegar. Write in activity form. Draw the apparatus set up also.



DELHI PUBLIC SCHOOL, BHILAI (C.G.)

FIRST TERM EXAMINATION-2018

Date of Exam: 12.09.2018  
Max. Time: 3 Hrs.

Social Science  
Class VII

M.M.: 80  
No. of printed page: 1

General instructions:

1. There are 32 questions and all are compulsory.
2. Marks for each question are indicated against the question.
3. Questions from Sl. No. 1 to 14 are very short questions of 1 mark each.
4. Questions from Sl. No. 15 to 26 are short questions of 3 marks each.
5. Questions from Sl. No. 27 to 30 are very long questions of 5 marks each.
6. Question no. 31 is a map question carrying 5 marks and Question no. 32 is a diagram based question carrying 5 marks.
7. Please tie the map in your main answer sheet.

- 
- |   |       |
|---|-------|
| 1. What do you mean by the term 'Habitat'?  | 1     |
| 2. What were the two major cities under the control of Chahamanas?  | 1     |
| 3. From which country did <u>Ibn Battuta</u> travel to India?   | 1     |
| 4. What was the language of administration under the Delhi Sultans?   | 1     |
| 5. Who is called as a Cartographer?   | 1     |
| 6. What is 'Lithosphere'?   | 1     |
| 7. Mention any <u>two</u> examples of human made environment.   | 1     |
| 8. What is a 'rock'?  | 1     |
| 9. What do you mean by 'atmosphere'?  | 1     |
| 10. Which two gases make the bulk of the atmosphere?  | 1     |
| 11. What are Anganwadis?  | 1     |
| 12. What do you mean by 'Universal adult franchise'?  | 1     |
| 13. What is the full form of 'OPD'?   | 1     |
| 14. Who runs the 'public health services'?  | 1     |
| 15. How were the affairs of 'Jatis' regulated?  | 3     |
| 16. What kind of irrigation work developed in the Tamil region?   | 3     |
| 17. What were the duties of 'Muqtis'?   | 3     |
| 18. In what ways has the term 'Hindustan' changed over the centuries?   | 3     |
| 19. How is an 'ox-bow lake' formed?   | 3     |
| 20. What do you mean by 'ecosystem'? Give any two examples of 'ecosystem'.  | 2+1=3 |
| 21. How are metamorphic rocks formed? Give any two examples of metamorphic rocks.   | 2+1=3 |
| 22. Mention three types of winds along with an example of each  | 3     |
| 23. What provisions of equality are given in the Indian Constitution?   | 3     |
| 24. List any three benefits of mid-day meal programme.  | 3     |
| 25. Why should decisions taken by chief minister and other ministers be debated in the legislative assembly?  | 3     |
| 26. In what ways do the experience of Samoan children and teenagers differ from your own experiences of growing up?   | 3     |
| 27. Discuss the administrative measures of Alauddin Khalji.   | 5     |
| <u>OR</u>   |       |
| What were the qualifications necessary to become a member of the 'Sabha' in the 'Chola' empire?   |       |
| 28. What were the activities associated with the 'Chola temples'?   | 5     |
| 29. What is 'rock cycle'? Mention any three uses of rock.   | 2+3=5 |
| <u>OR</u>   |       |
| Explain the structure of the atmosphere.  |       |
| 30. Mention the steps taken by the Kerala Government in 1996 to improve health condition of the people in the State. In what way is the public health system meant for every one? | 3+2=5 |
| <u>OR</u>   |       |
| What steps were taken by Costa Rican government to improve the conditions of its citizens? What problems do we face in the private hospitals?                                     |       |
| 31. Mark the following places on the political map of India.  | 5     |
| (a) Kashmir (b) Delhi (c) Kanchipuram (d) Somnath (e) Kalinga   |       |
| 32. Draw diagram of a 'Volcano' and label it in an appropriate manner.  | 5     |

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**General Instructions :**

- Attempt all the questions in each section before going to the next section in the same order.
- All the answers must be correctly numbered and neatly written down.
- Do not copy the questions.
- The paper consist of 4 sections:
 

Section A- Reading : 16 Marks	Section B- Writing : 18 Marks
Section C- Grammar : 16 Marks	Section D- Literature : 30 Marks

**SECTION A : READING (16 Marks)**

**A.1 Read the following passage carefully and answer the questions that follow: (8 Marks)**

1. Grammar can be a way of comparing different languages. To most people grammar is a set of rules for speaking and writing a language correctly. Usually, before you can speak any language well – even your own language which you have gradually been learning since you were little, you have to know something about its grammar. Small children start to pick up the grammar of their own language almost by instinct, by hearing how their parents talk and by seeing how words were put together in sentences in the books they read. By being exposed to the language over a period of time, they eventually know how to say the right things and avoid saying the wrong things in order to be understood.
2. However, when children begin to learn a foreign language, they find that they have to set about deliberately learning its grammar rules by heart. It is not simple enough to know the words of a new language, or a person could learn it just by reading a dictionary. The word by themselves don't mean very much until they are fitted together to form sentences and it is grammar that shows how to do this.
3. A grammar itself is divisible into two components— syntax and morphology. Syntax is concerned with the way words combine to form phrases, clauses and sentences, while morphology deals with the formation of words.
4. When you learn grammar, you learn how to make words work for you and you also learn a great deal about the way the words behave. For instance, you find out that words are divided out into different classes according to what they do. The words that name things such as 'horse' or 'train' are called nouns; action words like 'run' and 'see' are verbs and there are several other kinds. They are called parts of speech.

**Answer the following questions:**

- a. What is grammar according to most people? (1)
- b. How do small children pick up grammar? (1)
- c. What do the children learn before studying a foreign language? (1)
- d. Why can't a person learn a new language just by reading the words in a dictionary? (1)
- e. What are the two components of grammar? (1)
- f. What do you learn about the 'words' in grammar? (1)
- g. Find out a word from the passage that means:- (2)
  - (i) a natural behaviour (paragraph -1)
  - (ii) intentionally (paragraph -2)

**A.2 Read the poem and answer the questions that follow:**

**(8 Marks)**

**CAGED BIRD**

1. A free bird leaps  
on the back of the wind,  
and floats downstream  
till the current ends  
and dips his wings  
in the orange rays  
and dares to claim the sky.

2. But a bird that stalks  
down his narrow cage  
can seldom see through  
his bars of rage  
his wings are clipped and  
his feet are tied  
so he opens his throat to sing.
3. The caged bird sings  
with fearful trill  
of the things unknown  
but longed for still  
and his tune is heard  
on the distant hill  
for the caged bird  
sings of freedom.

By Dr. Maya Angelou

**Answer the following:**

- a) What does a free bird do till the current ends? (1)  
b) What does a free bird do with his wings? (1)  
c) What happened to the wings and feet of the caged bird? (1)  
d) What does the caged bird do to express his anger? (1)  
e) How does the bird sing of the things unknown? (1)  
f) What song is he singing? (1)  
g) Find out a word from the stanza which means:-  
(i) cut short (stanza- 2)  
(ii) far off (stanza- 3) (2)

**SECTION B : WRITING (18 Marks)**

**B.1** Read the following telephonic conversation between Suma and her neighbour's brother Arun who lives in Mumbai. Suma is leaving for her college and will not be able to meet her neighbour. Suma leaves a message for him. Write the message within 50 words using the information given below. (5)

Arun : Is it 2464415 ?

Suma : Yes. May I know who is speaking ?

Arun : Mr R.K. Khanna is your neighbour. I am his brother Arun from Mumbai.

Will you please pass on my message to him ?

Suma : Most gladly.

Arun : Tomorrow, I am coming to Delhi by the Rajdhani Express. Please ask my brother to come to the Railway Station with his car. I am coming with heavy luggage. Don't be late.

Suma : I will deliver your message to him.

Arun : Thanks a lot.

**B.2** You are a resident of Kochi in Kerala. Recently your state suffered a lot due to heavy rainfall. As a result your area was flooded. You had to abandon your home and live in a relief camp. Many people were injured. Make a diary entry recording your experiences in the relief camp in about 80-100 words. (5)

PTO

**B.3** You are Aryan/Arya. You have just returned home from a trekking expedition organised by your school. Your uncle paid for the trip. Write a letter to your uncle thanking him and giving an account of your experience in not more than 120 words. (8)

Include the points given below :

Thanks for sending—trekking expedition in Manali—most memorable experience—remain grateful to you—we were 20 students—stayed in camp—started our trek early morning—covered long distances everyday—afternoon returned to camp-site—had lunch—in the evening—lot of fun—brought a small gift for you.

**OR**

Write a short story based on the given hints in about 120- 150 words. Give a suitable title.

A bee falls into a stream—a dove sees it—drops a leaf into the river—the bee climbs on it—was saved—thanks the dove—one day a hunter sees the dove--tries to shoot it—the bee stings the hunter—the dove saved.

**SECTION C : GRAMMAR (16 Marks)**

**For questions C.1 to C.4 choose the most appropriate answer from the given options:**

**C.1 Fill in the blanks by choosing appropriate verbs:** (2)

- a) The child, as well as his parents \_\_\_\_\_ present at the Annual Day programme.  
(i) were (ii) was (iii) am (iv) are
- b) Little Women \_\_\_\_\_ a very interesting book.  
(i) are (ii) were (iii) has (iv) is

**C.2 Fill in the blanks with appropriate determiners:** (2)

- a) She hasn't made \_\_\_\_\_ friends in her new school as yet.  
(i) some (ii) few (iii) any (iv) little
- b) Mrs Sharma gave a cookie to \_\_\_\_\_ child.  
(i) each (ii) some (iii) all (iv) both

**C.3 Fill in the blanks with suitable preposition:** (2)

- a) Manish dived \_\_\_\_\_ the water.  
(i) in (ii) into (iii) on (iv) over
- b) The teacher has been on leave \_\_\_\_\_ more than two weeks.  
(i) from (ii) since (iii) by (iv) for

**C.4 Identify the underlined verbs:** (2)

- a) I prefer to stay at home when it rains.  
(i) infinitive (ii) participle (iii) finite verb (iv) gerund
- b) Running became her passion.  
(i) participle (ii) infinitive (iii) gerund (iv) finite verb

**C.5 Underline the adjectives and state their kinds:** (2)

- a) An alien with big eyes walked out of the ship.
- b) Which girl has not yet returned the book?

**C.6 Fill in the blanks with correct form of verbs given in the bracket:** (2)

- a) All the participants \_\_\_\_\_ (gather) at the ground by 7:00 P.M.(past perfect tense)
- b) I \_\_\_\_\_ (write) a story. (present continuous tense)

**C.7 (a) Write an idiom for:** (2)

'to take care of someone'

**(b) Fill in the blank with appropriate modal:**

We \_\_\_\_\_ conserve energy. (moral obligation)

**C.8 Fill in the blanks with the correct form of the adverbs given in the brackets: (2)**

- a) The children greeted the new teacher \_\_\_\_\_.(polite)
- b) The African team played the \_\_\_\_\_ of all. (good)

**SECTION D : LITERATURE (30 Marks)**

**D.1 Read the following extracts and answer the questions that follow: (3x3=9)**

I) 'When everybody talks during the lesson, The rebel doesn't say a word.  
When nobody talks during the lesson, The rebel creates a disturbance.'

- a) Name the poet? (1)
- b) What does the word 'rebel' mean? (1)
- c) What does a rebel do when nobody talks during the class? (1)

II) 'My brother says there's a ghost in the shed

Who hides under the rotten floorboards,  
And if I ever dare to set foot inside  
He'll jump out and chop off my head.'

- a) Who does 'he' refer to? (1)
- b) Name the poem from which the above extract is taken. (1)
- c) What does the brother tell the speaker? (1)

III) 'For the last time I beg you to answer my questions, wise man.' 'You have already been answered!'

- a) Whom does 'I' refer to in the above lines? (1)
- b) Who is the wise man? What were the questions asked by the speaker? (2)

**D.2 Answer any three of the following questions in about 30-40 words each: (2x3=6)**

- a) Why do you think grown-ups say the kind of things mentioned in the poem 'Chivvy'?
- b) Why does the poet say the squirrel "wore a question mark for tail"?
- c) What does the word 'Chivvy' mean? Why is the adult asking the child to say 'thank you'?
- d) The king forgave the bearded man. What did he do to show his forgiveness?

**D.3 Answer any one of the following questions in about 75-80 words: (5)**

- a) What did the dog do to lead the farmer to the hidden gold?

**OR**

How does Ravi get milk for the kitten?

**D.4 Answer any three of the following questions in about 30-40 words each: (2x3=6)**

- a) Did Miss Leslie agree to marry Maxwell? What did she say?
- b) What were the two possessions of Jim and Della in which they took great pride?
- c) Why did Sam and Bill tell the boy that they would go bear hunting the next day?
- d) What was Jim's gift to Della? Was it a suitable gift?

**D.5 Answer any one of the following questions in about 75-80 words: (4)**

- a) Why did the two kidnappers feel that their kidnapping project would be more successful in a village? Which village did they choose for their purpose?

**OR**

Describe Harvey Maxwell's busy day at the office.

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DELHI PUBLIC SCHOOL, BHILAI  
FIRST TERM EXAMINATION 2018

Date : 04.09.2018  
CLASS -VII

SUBJECT : GENERAL KNOWLEDGE

Time : 50 Minutes  
Max. Marks : 50

Name : ..... Roll No. : ..... Class/Sec. : .....

INVIGILATOR'S SIGNATURE

GENERAL INSTRUCTIONS :-

- All the questions are compulsory.
- Fill in the blanks with correct-spellings.
- Each question carries 1 Mark.

A. Name the following :- (1x5=05)

- (1) The largest spice manufacturing company in India .....
- (2) The largest watch manufacturing company in India.....
- (3) The farming system that involves growing plants in rotating rows, one on top of other .....
- (4) Name of Harry's female friend .....
- (5) Name of Harry Potter's owl .....

B. Match the following :- (1x5=05)

- |                           |               |          |
|---------------------------|---------------|----------|
| (1) Largest City of Japan | (a) Nepal     | 1. _____ |
| (2) V-8 Hotel             | (b) Kenya     | 2. _____ |
| (3) The Giraffe Manor     | (c) Tokyo     | 3. _____ |
| (4) Mount Everest         | (d) Venezuela | 4. _____ |
| (5) Angel Falls           | (e) Germany   | 5. _____ |

C. Name the Units of Measurement for the following:- (1x5=05)

- Quantity of heat .....
- Distance in Universe .....
- Power .....
- Electric Potential .....
- Frequency .....

D. Match the following :- (1x5=05)

- |                  |                               |          |
|------------------|-------------------------------|----------|
| (1) Dynamo       | (a) James Watt                | 1. _____ |
| (2) Cinema       | (b) Auguste and Louis Lumiere | 2. _____ |
| (3) Steam Engine | (c) J. Robert Oppenheimer     | 3. _____ |
| (4) Atomic Bomb  | (d) Nikola Tesla              | 4. _____ |
| (5) Loud Speaker | (e) Michael Faraday           | 5. _____ |

E. Tick (✓) the correct options :- (1x5=05)

- (1) Method of painting with natural dyes on cotton or silk fabric with a bamboo pen or Kalam.  
(a) Madhubani (b) Chikankari (c) Kalamkari
- (2) A traditional embroidery style from Lucknow  
(a) Bandhani (b) Chikankari (c) Kalamkari
- (3) Method of making Pottery and Sculptures with Clay. It has a colour between orange and brown  
(a) Terracotta (b) Chikankari (c) Bandhani
- (4) An American actor became paralytic after being thrown from his horse.  
(a) Andrew Neil (b) D. Thomas (c) Christopher Reeve
- (5) An Australian Wildlife, expert nicknamed 'The Crocodile Hunter' died in 2006 due to Piercing of a string rag barb.  
(a) Brian Lara (b) Steve Irwin (c) Isaac Newton

F. Write the name of authors who wrote following Books. (1x5=05)

- (1) Train to Pakistan .....
- (2) Between the Lines .....
- (3) Godan .....
- (4) Soz-e-Watan .....
- (5) The Serpent and the rope .....

G. Name the countries where the following are located. (1x5=05)

- (1) Atacama desert .....
- (2) Caspian Sea .....
- (3) Lake Baikal .....
- (4) El Azizia .....
- (5) Amazon .....

H. Match the following :- (1x10=10)

- |                          |                       |           |
|--------------------------|-----------------------|-----------|
| 1. Adam                  | (a) gila monster      | 1. _____  |
| 2. Harry Potter          | (b) Washington Irving | 2. _____  |
| 3. Sherlock Holmes       | (c) Ohm               | 3. _____  |
| 4. Rip Van Winkle        | (d) electric charge   | 4. _____  |
| 5. Micawber              | (e) A. Canan Doyle    | 5. _____  |
| 6. Poisonous Lizard      | (f) John Milton       | 6. _____  |
| 7. Venomous Snake        | (g) J.K. Rowling      | 7. _____  |
| 8. Poisonous insect      | (h) Charles Dickens   | 8. _____  |
| 9. electrical resistance | (i) Scorpion          | 9. _____  |
| 10. Coulomb              | (j) Inland taipan     | 10. _____ |

(I) Name the following:- (1x5=05)

- (1) Present Chief Justice of India .....
- (2) President of India .....
- (3) State in which Bandipur Natinal Park is located .....
- (4) Fifth Indian Cricketer who was inducted into ICC Hall of Fame list .....
- (5) First Indian Woman to win gold in World Junior Athletics .....



## निर्देश-

1. सम्पूर्ण प्रश्न-पत्र 'क', 'ख', 'ग' और 'घ' चार खण्डों में बँटा हुआ है।
2. प्रश्न-पत्र में प्रश्नों की कुल संख्या 10 है।
3. प्रश्नों के सभी उपभागों के उत्तर क्रमानुसार दीजिए।
4. वर्तनी संबंधी अशुद्धियों पर अंक काटे जाएँगे।

## खण्ड- 'क'

प्रश्न 1. निम्नलिखित अपठित गद्यांश को पढ़कर पूछे गए प्रश्नों के उपयुक्त उत्तर दीजिए-

बेहतर स्वास्थ्य सुविधाओं एवं शिक्षा के प्रति जागरूकता के कारण मनुष्य की औसत आयु में लगातार वृद्धि हो रही है। परिवार के बुजुर्गों की सबसे अच्छी देखभाल परिवार में ही संभव है क्योंकि परिवार के सदस्य उनकी आवश्यकताओं, आदतों, नुकसान पहुँचाने वाली दवाओं तथा पसंदीदा भोज्य पदार्थों, दुःख पहुँचाने वाली बातों, आदि के बारे में जानते हैं। बदली हुई परिस्थितियों तथा आर्थिक तंगी के कारण परिवार के कुछ सदस्य धनोपार्जन के लिए घर से बाहर चले जाते हैं, इससे वृद्धजनों की देखभाल में कुछ कमी रह जाती है। इन परिस्थितियों में परिवार में किशोर-किशोरियों का उत्तरदायित्व बढ़ जाता है, कि वे अपने घर के बुजुर्गों का शारीरिक, मानसिक एवं भावनात्मक ध्यान रखें।

- (i) मनुष्य की औसत आयु में वृद्धि किन कारणों से हुई है? (1)
- (ii) परिवार में किशोर-किशोरियों का क्या दायित्व है? (1)
- (iii) परिवार के बुजुर्गों की अच्छी देखभाल परिवार में ही क्यों संभव है? (2)
- (iv) इस गद्यांश का उपयुक्त शीर्षक (कोई एक) लिखिए। (1)

## खण्ड- 'ख'

प्रश्न 2. व्याकरण से संबंधित निम्नलिखित प्रश्नों के अति संक्षिप्त उत्तर दीजिए-

(1×13=13)

- (i) भाषा के कुल कितने कौशल होते हैं? केवल संख्या बताइए।
- (ii) भारत की संविधान सभा ने हिन्दी को राजभाषा के रूप में कब मान्यता दी?
- (iii) भारतीय संविधान में कुल कितनी भाषाओं को मान्यता प्रदान की गई है?
- (iv) पूर्वी हिन्दी की किन्हीं दो बोलियों के नाम लिखिए।
- (v) हिन्दी और संस्कृत भाषा की लिपि का नाम बताइए।
- (vi) व्याकरण पढ़ने की क्या उपयोगिता है?
- (vii) साहित्य के मुख्य रूप से कितने रूप होते हैं? नाम लिखिए।
- (viii) वर्ण किसे कहते हैं? हिन्दी वर्णमाला में मुख्यतः कितने प्रकार के वर्ण हैं?
- (ix) अं और अः किस नाम से प्रयोग किए जाते हैं?
- (x) आ, ई, ए, उ (ह्रस्व एवं दीर्घ स्वर छाँटिए)।
- (xi) चाँद, चंद्रमा (अनुस्वार एवं अनुनासिक शब्द छाँटिए)।
- (xii) हिन्दी वर्णमाला में कुल कितने स्पर्श व्यंजन हैं? केवल संख्या बताइए।
- (xiii) हिन्दी वर्णमाला में य, र, ल, व किन व्यंजनों के नाम से जाने जाते हैं?

प्रश्न 3. निम्नलिखित प्रश्नों के निर्देशानुसार संक्षिप्त उत्तर दीजिए-

- (i) मुहावरों से संबंधित प्रश्नों के उत्तर निर्देशानुसार दीजिए- (1×3=3)
  - (क) 'अपना उल्लू सीधा करना' मुहावरे का केवल अर्थ बताइए।
  - (ख) 'अँगूठा दिखाना' मुहावरे का वाक्य में इस प्रकार प्रयोग करें कि उसका अर्थ स्पष्ट हो जाए।
  - (ग) 'धोखा देना' किस मुहावरे का अर्थ है? उसका नाम लिखिए।
- (ii) निम्नलिखित श्रुतिसम भिन्नार्थक शब्दों का अर्थ बताते हुए उनमें अंतर स्पष्ट कीजिए- (1×3=3)
  - (क) ग्रह - गृह
  - (ख) अवधि - अवधी
  - (ग) अनल - अनिल
- (iii) निम्नलिखित 'वाक्यांशों के लिए एक शब्द' से संबंधित प्रश्नों के उत्तर निर्देशानुसार दीजिए- (1×3=3)
  - (क) 'जिसे जाना न जा सके' वाक्यांश के लिए एक शब्द होगा-
  - (ख) 'अलौकिक' शब्द किस वाक्यांश का एक शब्द है-
  - (ग) 'जिसे कहा न जा सके' वाक्यांश के लिए एक शब्द होगा-
- (iv) विलोम शब्द से संबंधित प्रश्नों के निर्देशानुसार उत्तर दीजिए- (1×3=3)
  - (क) 'अवनति' शब्द का विलोम शब्द लिखिए।
  - (ख) 'कृतघ्न' शब्द किस शब्द का विलोम है?
  - (ग) 'अपेक्षा' शब्द का विलोम शब्द बताइए।

खण्ड- 'ग'

प्रश्न 4. निम्नलिखित काव्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर लिखिए-

स्वर्ण-शृंखला के बंधन में  
अपनी गति, उड़ान सब भूले,  
बस सपनों में देख रहे हैं  
तरु की फुनगी पर के झूले।

ऐसे थे अरमान कि उड़ते  
नीले नभ की सीमा पाने,  
लाल किरण-सी चोंच खोल  
चुगते तारक-अनार के दाने।

- (i) इन पंक्तियों के पाठ व रचनाकार के नाम बताइए। (2)  
(ii) प्रस्तुत पंक्तियों में पक्षी के क्या अरमान हैं? (1)  
(iii) इन पंक्तियों में पक्षी अपनी किस पीड़ा की ओर संकेत कर रहे हैं? (1)  
(iv) 'स्वर्ण-शृंखला' एवं 'लाल किरण' में से विशेषण शब्द अलग कीजिए। (1)

प्रश्न 5. निम्नलिखित गद्यांश को पढ़कर नीचे लिखे प्रश्नों के उत्तर दीजिए-

"एनीमिया से आपको क्या मतलब है दीदी?" उसने पूछा। "यह जानने के लिए तुम्हें रक्त के बारे में जानना होगा," डॉक्टर दीदी ने कहा। फिर बोली, "अनिल, देखने में रक्त लाल द्रव के समान होता है किंतु इसे सूक्ष्मदर्शी द्वारा देखें तो यह भानुमती के पिटारे से कम नहीं। मोटेतर पर इसके दो भाग होते हैं। एक भाग वह जो तरल है, जिसे हम प्लाज्मा कहते हैं। दूसरा, वह जिसमें छोटे-बड़े कई तरह के कण होते हैं...कुछ लाल, कुछ सफेद और कुछ ऐसे जिनका कोई रंग नहीं, जिन्हें बिंबाणु (प्लेटलेट कण) कहते हैं। ये कण प्लाज्मा में तैरते रहते हैं।"

- (i) उपर्युक्त गद्यांश के पाठ एवं लेखक का नाम बताइए। (2)  
(ii) प्रस्तुत गद्यांश में रक्त से संबंधित किस बीमारी का वर्णन किया गया है? (1)  
(iii) 'भानुमती का पिटारा' किसे कहा गया है? (1)  
(iv) रक्त के दोनों भागों को किस नाम से जाना जाता है? (1)

प्रश्न 6. निम्नलिखित प्रश्नों में से किन्हीं पाँच प्रश्नों के उत्तर 30-40 शब्दों में लिखिए-

(5×4=20)

- (i) पक्षी उन्मुक्त रहकर अपनी कौन-कौन सी इच्छाएँ पूरी करना चाहते हैं?  
(ii) हिमालय की यात्रा में लेखक ने किन-किन की प्रशंसा की है?  
(iii) पहली कठपुतली की बात दूसरी कठपुतलियों को क्यों अच्छी लगी?  
(iv) खिलौनेवाले के आने पर बच्चों की क्या प्रतिक्रिया होती थी?  
(v) ब्लडबैंक में रक्तदान से क्या लाभ है?  
(vi) सिंधु और ब्रह्मपुत्र की क्या विशेषताएँ बताई गई हैं?

प्रश्न 7. 'अनुमान व कल्पना' के आधार पर नीचे लिखे प्रश्नों में से किसी एक का प्रश्न का उत्तर दीजिए।

(3)

- (i) क्या आपको लगता है कि मानव की वर्तमान जीवन-शैली और शहरीकरण से जुड़ी योजनाएँ पक्षियों के लिए घातक हैं? पक्षियों से रहित वातावरण में अनेक समस्याएँ उत्पन्न हो सकती हैं। लिखिए।  
(ii) क्या आपको लगता है कि- वक्त के साथ फेरी के स्वर कम हुए हैं? कारण लिखिए।

प्रश्न 8. निम्नलिखित प्रश्नों के अति संक्षिप्त उत्तर दीजिए।

(1×7=7)

- (i) 'कठपुतली' पाठ के कवि का नाम बताइए।  
(ii) काका कालेलकर ने नदियों को क्या कहा है?  
(iii) किसकी बात सुनकर मिठाईवाला भावुक हो गया था?  
(iv) रक्त में हीमोग्लोबिन के लिए किस खनिज की आवश्यकता पड़ती है?  
(v) नदी को उल्टा लिखने से दीन होता है। आप भी एक ऐसा शब्द लिखिए जिसे उल्टा लिखने पर भी सार्थक अर्थ निकलता हो।  
(vi) काठ और पुतली दो शब्द एक साथ हुए कठपुतली शब्द बन गया। इसी तरह नीचे दिए गए शब्दों से शब्द निर्माण करिए- हाथ-हथ  
(vii) 'धावा बोलना' मुहावरे का केवल अर्थ बताइए।

खण्ड- 'घ'

प्रश्न 9. उचित समय पर पत्र न मिलने की शिकायत करते हुए डाकपाल को एक पत्र लिखिए।

(5)

अथवा

अपने मित्र को तैराकी प्रतियोगिता में स्वर्ण-पदक प्राप्त करने पर एक बधाई-पत्र लिखिए।

प्रश्न 10. निम्नलिखित में से किसी एक विषय पर दिए गए बिन्दुओं के आधार पर लगभग 100 शब्दों में एक अनुच्छेद लिखिए-

(5)

- (i) जल ही जीवन है  
(क) जल की महत्ता (ख) जल का संडारण (ग) जल का सदुपयोग (घ) जल : जीवन का आधार  
(ii) हमारे जीवन में पर्वों का महत्त्व  
(क) पर्व की भूमिका (ख) पर्व मनाने की आधारशिला  
(ग) पर्व : जीवन के विविध रंग (घ) पर्व : खुशी, उत्साह, उमंग  
(iii) मेरा जीवन लक्ष्य  
(क) लक्ष्य का निर्धारण (ख) लक्ष्य : सफलता की कुंजी  
(ग) लक्ष्य के लिए योजना (घ) लक्ष्य के लिए प्रेरणास्रोत

\*\*\*\*\*

**General Instructions:**

1. All questions are compulsory.
2. The question paper consists of 30 questions divided into four sections A, B, C and D.
3. Section A consists of 6 questions of 1 mark each.  
Section B contains 6 questions of 2 marks each.  
Section C contains 10 questions of 3 marks each.  
Section D contains 8 questions of 4 marks each.
4. There is no overall choice. However an internal choice has been provided in four questions of 3 marks each and three questions of 4 marks each. You have to attempt only one of the alternatives in all such questions.
5. Use of calculator is not permitted.

**SECTION-A**

(1×6=6)

1. The additive inverse of  $-\frac{5}{6}$  is \_\_\_\_\_.
2. Express the speed of 60 km per hour in metres per second.
3. Find the volume of a cuboid of size 9cm by 4cm by 5cm.
4. The reciprocal of  $(-3)^2$  is \_\_\_\_\_.
5. Which is the largest side of  $\triangle DEF$ , where  $\angle E = 90^\circ$ ?
6. How many cubic centimetres in 1 metre cube?

**SECTION-B**

(2×6=12)

7. Verify the property  $x \cdot y = y \cdot x$  by taking  $x = \frac{2}{3}$  and  $y = \frac{-5}{3}$ .
8. If 36 boys can do a work in 14 days, how long will 28 boys take to do the same work?
9. Draw  $\triangle ABC$  in which  $AB = BC = CA = 5cm$ .
10. Is it possible to draw  $\triangle ABC$  in which:  $\overline{AB} = 5cm$ ,  $\overline{BC} = 7cm$  and  $\overline{CA} = 3cm$ . State the property used.
11. Find the value of  $\left(\frac{5}{8}\right) \left(\frac{5}{8}\right)^2$ .
12. Find the surface area of a cube whose edge is 7cm.

**SECTION-C**

(3×10=30)

13. The angles of a triangle are in the ratio 1 : 2 : 3. Find the measures of the three angles.
14. Simplify using distributive law:  $\frac{3}{5} \times \frac{-7}{8} + \frac{3}{5} \times \frac{2}{3}$ .

**OR**

Write as rational numbers: (i) .56 (ii)  $0.\overline{7}$

15. The volume of a cuboid whose length and breadth equals to 12cm and 10cm, is  $960cm^3$ . Find its:  
(i) area of the base. (ii) height

**OR**

Find the total surface area of a cuboid whose dimensions are 5cm by 4cm by 3cm.

16. Express in scientific notation:  
(i)  $625 \times 5000$  (ii)  $(36 \div 90) \times 10^5$
17. Rohit takes 3 hours 10 minutes to cover a distance on foot. Find the distance covered if he travels at an uniform speed of 2.4 km/hr.
18. Find the area of 4 walls of a room of length 10m, breadth 6m and height 6m. Find the cost of painting the 4 walls at ₹12 per square metre.
19. Compare each pair using > or <  
(i)  $9.4 \times 10^{-3}$  and  $6.2 \times 10^{-2}$  (ii)  $18.9 \times 10^5$  and  $1.89 \times 10^7$

20. A property worth ₹ 5,10,000 was divided between Anant, Aarush and Anuj in the ratio of 4 : 6 : 7. Find their respective shares.

OR

At a NCC camp 120 girls need 75 kg of rice per day. If 40 girls leave the camp on a certain day, how many kg of rice will be needed on that day?

21. (a) Write using negative exponent:  $\frac{x^3 \times x^4}{x^5}$ .

(b) Write using positive exponent:  $\frac{p^{-3} \times p^2}{p^5}$ .

22. Construct  $\triangle ABC$  where  $AB = 7\text{cm}$ ,  $\angle A = 110^\circ$  and  $\angle B = 30^\circ$ .

OR

Draw an isosceles  $\triangle ABC$  where  $AB = AC = 4\text{cm}$  and  $BC = 6\text{cm}$ .

SECTION-D

(4×8=32)

23. Simplify  $\left[ \left( \frac{1}{3} \right)^3 - \left( \frac{1}{9} \right)^3 \right] \times 3^2$

OR

$$\left( \frac{-1}{3} \right)^3 \times 3^3 \times \left( \frac{2}{5} \right)^2 \times 5^3$$

24. A train 400m long is running at a speed of 60km/hr. How long will it take to cross a bridge 800m long?

25. State whether the given statements are true or false. Write the name of the property being checked.

(a)  $\frac{4}{7} \div \frac{5}{8} = \frac{5}{8} \div \frac{4}{7}$

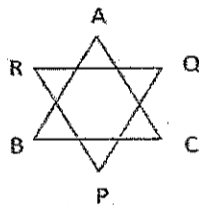
(b)  $\frac{11}{15} - \frac{-17}{25} \neq \frac{-17}{25} - \frac{11}{15}$

(c)  $\frac{5}{7} \left( \frac{-7}{8} + \frac{4}{6} \right) = \frac{5}{7} \times \frac{-7}{8} + \frac{5}{7} \times \frac{4}{6}$

(d)  $3\frac{3}{5} \times 1 = 3\frac{3}{5}$

26. In the adjoining figure find the value of:

$$\angle A + \angle R + \angle B + \angle P + \angle C + \angle Q$$



OR

Find the sum of the angles of a quadrilateral ABCD by drawing the diagonal AC.

27. (a) Write  $\frac{5}{12}$  as nonterminating and recurring decimal.

(b) Find one rational number between  $\frac{1}{6}$  and  $\frac{1}{5}$ .

28. How many small boxes of size 5cm by 10cm by 10cm can be packed into a big wooden box of size 1m by  $\frac{1}{2}$ m by  $\frac{3}{4}$ m?

29. Three pipes can fill a tank in 10 minutes. The first pipe by itself can fill it in 30 minutes and the second pipe in 24 minutes. How long will the third pipe take to fill the tank by itself?

OR

A can finish a piece of work in 10 days and B in 15 days. How long will they take to finish the work by working together?

30. Verify the property  $x \times (y + z) = x \times y + x \times z$  by taking:  $x = \frac{1}{2}$ ,  $y = \frac{3}{7}$  and  $z = \frac{5}{14}$ .



परीक्षार्थिनः नाम ----- कक्षा/वर्ग----- अनुक्रमाङ्कः-----

1. अधोलिखितं गद्यांशं पठित्वा उत्तराणि लिखत-

अथ एकदा धीवराः तत्र आगच्छन्। ते अकथयन् “वयं श्वः मत्स्यकूर्मादीन् मारयिष्यामः”। एतत् श्रुत्वा कूर्मः अवदत् - “भिन्ने! किं युवाभ्यां धीवराणां वार्ता श्रुता? अधुना किं करोमि?” हंसौ अवदताम् - “प्रातः यद् उचितं तत् कर्तव्यम्”। कूर्मः अवदत् - “एवं मा कुरुतम्। अहं युवाभ्यां सह आकाशमार्गेण अन्यत्र गन्तुं इच्छामि”।

हंसौ अकथयताम् - “अत्र कः उपायः?” कच्छपः वदति - अहं काष्ठदण्डमध्ये अवलम्ब्य युवयोः पक्षबलेन सुखेन गमिष्यामि।”

I. एकपदेन उत्तरत- (1x2=2)

(क) एकदा तत्र के आगच्छन्? -----

(ख) “अधुना किं करोमि” इति कः अवदत्? -----

II. पूर्णवाक्येन उत्तरत- (1x3=3)

(क) हंसौ किं अवदताम्? -----

(ख) कूर्मः केन मार्गेण अन्यत्र गन्तुम् इच्छति? -----

(ग) ‘वदति’ इति पदे कः लकारः? -----

(क) लट् (ख) लोट् (ग) लङ्

2. समानार्थकपदानि योजयित्वा लिखत- (2½)

‘क’	‘ख’	उत्तरम्
वैद्यम्	शरीरम्	-----
देहस्य	लब्धा	-----
कुशलाः	चिकित्सकम्	-----
प्राप्य	हर्षस्य	-----
प्रसन्नतायाः	दक्षाः	-----

3. मञ्जूषातः पदानि चित्वा प्रश्ननिर्माणं कुरुत- का, केन, किम्, कैः (4)

- (क) पृथ्वी सत्येन धार्यते। -----
- (ख) वसुन्धरा बहुरत्ना भवति। -----
- (ग) सदाभिः एव सहासीत। -----
- (घ) ऋणम् कृत्वा घृतं पिबेत्। -----

4. क्रियापदानि चित्वा वाक्यानि पूरयत- उड्डीयते, इच्छामि, प्रतिवसति स्म, वदिष्यामि, अभिनन्दति (2½)

- (क) अहम् आकाशमार्गेण अन्यत्र गन्तुम् -----।
- (ख) हंसाभ्यां सह कूर्मोऽपि -----।
- (ग) यः हितकामानां सुहृदां वाक्यं न -----।
- (घ) अहं किञ्चिदपि न -----।
- (ङ) एकः कूर्मः अपि तत्रैव -----।

5. मञ्जूषातः चित्वा पूर्णवाक्येन उत्तराणि लिखत- (5)

मञ्जूषातः - शरीराणि, त्रीणि, श्रोतारः, क्षमा, कम्बुग्रीवः

- (i) पृथिव्यां कति रत्नानि? -----
- (ii) कूर्मस्य नाम किम् आसीत्? -----
- (iii) लोके पुनः पुनः कानि भवन्ति? -----
- (iv) कोलाहलं के कुर्वन्ति? -----
- (v) लोके वशीकृतिः का अस्ति? -----

(2)

## 6. अव्ययपदानि चित्वा लिखत-

मञ्जूषात -

बहिः, अलम्, उपरि, अन्तः

(क) ----- विवादेन ।

(ख) वृक्षस्य ----- वानराः कूर्दन्ति ।

(ग) वर्षा भवति, गृहात् ----- मा गच्छ ।

(घ) विद्यालयस्य ----- छात्राः प्रविशन्ति ।

(2)

## 7. विलोमपदानि योजयत-

अन्तः - दुर्लभम् -----

उच्चैः - उपरि -----

सुलभम् - बहिः -----

अधः - नीचैः -----

(7)

## 8. उचितधातुरूपैः रिक्तस्थानानि पूरयत-

(लट् लकारः)

पुरुषः	एकवचनम्	द्विवचनम्	बहुवचनम्
प्रथमः	नमति	-----	नमन्ति
मध्यमः	-----	पश्यथः	-----
उत्तमः	पिबामि	-----	-----
प्रथमः	-----	यच्छतः	-----

(लृट् लकारः)

प्रथमः	-----	करिष्यतः	करिष्यन्ति
मध्यमः	पास्यसि	-----	-----
उत्तमः	-----	दास्यावः	-----
प्रथमः	भविष्यति	-----	-----

(4)

## 9. मञ्जूषातः चित्वा संख्यापदानि लिखत-

मञ्जूषात - (द्वादश, एकम्, अष्टादश, चतुर्विंशतिः, षोडश, नव, चत्वारः, एकविंशतिः)

(i) 18	-----	(ii) 04	-----
(iii) 24	-----	(iv) 12	-----
(v) 01	-----	(vi) 09	-----
(vii) 21	-----	(viii) 16	-----

(6)

## 10. उचितशब्दरूपैः रिक्तस्थानानि पूरयत -

विभक्तिः	एकवचनम्	द्विवचनम्	बहुवचनम्
प्रथमा	-----	माले	मालाः
द्वितीया	काम्	-----	-----
तृतीया	भानुना	-----	भानुभिः
चतुर्थी	-----	रामाभ्याम्	-----
पञ्चमी	मुनेः	-----	-----
षष्ठी	-----	कयोः	केषाम्
सप्तमी	तस्मिन्	-----	तेषु
सम्बोधनम्	----- !	हे रामौ !	----- !